

Emmit Parubrub

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<https://github.com/eparubrub>
San Francisco CA

Summary

As a person of Native Hawaiian lineage, born on the island of Oahu, I grew up in the midst of mountains, beaches and dense forests, but not a lot of screens. Technology, companies, the immediacies of urban life, were a distant reality to me. I was introduced to technology through school, and became instantly fascinated. This glimpse into another world developed into a determination to excel in computer science. Now, as I enter senior year and look towards the future, I want to work towards instilling wonder in rural, marginalized and underrepresented communities. Technology offers us a view into other realities, whatever we cannot see in front of us, in a way that never ceases to amaze me.

Education

University of San Francisco (USF), San Francisco, CA

Expected Graduation: May 2019

- B.S. Computer Science
- GPA: 3.70

Projects

- Currently designing Python applications to encrypt and decrypt text files
- Designed a Python program to ensure rapid retail checkouts on websites.
- Continuously updating personal webpage using bootstrap (eparubrub.github.io)
- Constructed an ARM Single-Cycle Emulator in Assembly and Logisim
- Programmed a mp3 player using JavaZOOM and jAudiotagger libraries
- Wrote several sorting methods to test efficiency on small and large scale data
 - Methods include: comb, merge, hybrid, bucket, radix, heap, randomized quick, etc...

Skills

- Proficient at Java, Python, C, ARM Assembly, Github, HTML, CSS
- Experienced with bootstrap, Emacs, Eclipse, Sublime, MySQL, Netbeans, Apache Tomcat
- Coursework: Cryptography, Computer Architecture, Parallel Computing, Data Structures & Algorithms

Experience

Department of Defense, Honolulu, HI

June 2018 - August 2018

Summer IT Intern

- Performed system administration and serviced state employees in an active directory
- Troubleshoot workstation hardware, software, and network connectivity
- Configured new user workstations with Windows 10 operating systems using PDQ inventory and PDQ deploy

University of San Francisco, San Francisco, CA

September 2015 - May 2018

Technical Director and Camera Operator

- Directed camera operators to obtain the best camera shots
- Utilized multiple camera feeds in order to broadcast quality video stream
- Broadcasted sports game for online viewers and athlete review

Affiliations

Association of Computer Machinery, San Francisco, CA

October 2016 – Present

Officer

- Organize University of San Francisco's Annual Empowerment Hackathons
- Publicize numerous association gatherings including annual picnics, celebrations, etc...